

SS MAIL NO. EV207709109US

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants

Antonius Henricus Elisabeth Breuls et al.

Application No.

09/839,028

Filed

April 19, 2001

For

PCVD APPARATUS AND A METHOD OF MANUFACTURING

AN OPTICAL FIBER, A PREFORM ROD AND A JACKET TUBE

AS WELL AS THE OPTICAL FIBER MANUFACTURED

THEREWITH

Examiner

Parviz Hassanzadeh

Art Unit

1763

Docket No.

750034.427C2

Date

March 20, 2003

Box Non-Fee Amendment Commissioner for Patents Washington, DC 20231

AMENDMENT

Commissioner for Patents:

In response to the Office Action dated December 23, 2002, please amend the application as follows:

In the Claims:

Please add new claim 7 to read as follows:

7. (New) An apparatus for performing Plasma Chemical Vapor Deposition, whereby one or more layers of silica can be deposited on an elongated viterous substrate, the apparatus comprising an elongated microwave guide which emerges into a resonant cavity which is substantially cylindrically symmetric about a cylindrical axis, along which axis the substrate can be positioned, the cavity being substantially annular in form, with an inner cylindrical wall and an outer cylindrical wall, the inner cylindrical wall comprising a slit which extends in a full